

ABSTRACT

A plastisol formulation which can be used for coatings of metal sheets, the coatings having high abrasion resistance, contains a) a plasticizer or mixture of plasticizers; and b) a mixture of polymer particles containing at least two components A and B; c) at least one member selected from the group consisting of fillers, coupling agents, stabilizers, desiccants, rheological additives, hollow bodies and mixtures thereof; wherein the polymer particles containing at least two components A and B have one of the following structures ba) a 2-stage structure, a 3-stage structure or multi-stage structure, or bb) a gradient polymer structure.

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